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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2008; month=9; day=11; hr=15; min=52; sec=11; ms=41; ]

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Application No: 10665883

Version No: 3.0

Input Set:

Output Set:

Started: 2008-08-12 19:49:28.311

Finished: 2008-08-12 19:49:29.439

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 128 ms

Total Warnings: 18

Total Errors: 0

No. of SeqIDs Defined: 18

Actual SeqID Count: 18

Error code	Error Description
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SEQUENCE LISTING

<110> YUAN, Chong-Sheng

<120> DETERMINATION OF IONS USING ION-SENSITIVE ENZYMES

<130> 466992001100

<140> 10665883

<141> 2003-09-19

<160> 18

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Chimeric protein

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<210> 2

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<212> PRT

<213> Artificial Sequence

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<223> Chimeric protein

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Ser Thr Thr Ile Thr Lys Asn Asp Asn Ser Pro Val Thr Thr Gly Asp  
35 40 45  
Tyr Ala Ala Gln Thr Ile Ile Ile Asn Ala Ile Lys Ser Asn Phe Pro  
50 55 60  
Asp Asp Lys Val Val Gly Glu Glu Ser Ser Ser Gly Leu Ser Asp Ala  
65 70 75 80  
Phe Val Ser Gly Ile Leu Asn Glu Ile Lys Ala Asn Asp Glu Val Tyr  
85 90 95  
Asn Lys Asn Tyr Lys Lys Asp Asp Phe Leu Phe Thr Asn Asp Gln Phe  
100 105 110  
Pro Leu Lys Ser Leu Glu Asp Val Arg Gln Ile Ile Asp Phe Gly Asn  
115 120 125  
Tyr Glu Gly Gly Arg Lys Gly Arg Phe Trp Cys Leu Asp Pro Ile Asp  
130 135 140

Gly Thr Lys Gly Phe Leu Arg Gly Glu Gln Phe Ala Val Cys Leu Ala  
 145 150 155 160  
 Leu Ile Val Asp Gly Val Val Gln Leu Gly Cys Ile Gly Cys Pro Asn  
 165 170 175  
 Leu Val Leu Ser Ser Tyr Gly Ala Gln Asp Leu Lys Gly His Glu Ser  
 180 185 190  
 Phe Gly Tyr Ile Phe Arg Ala Val Arg Gly Leu Gly Ala Phe Tyr Ser  
 195 200 205  
 Pro Ser Ser Asp Ala Glu Ser Trp Thr Lys Ile His Val Arg His Leu  
 210 215 220  
 Lys Asp Thr Lys Asp Met Ile Thr Leu Glu Gly Val Glu Lys Gly His  
 225 230 235 240  
 Ser Ser His Asp Glu Gln Thr Ala Ile Lys Asn Lys Leu Asn Ile Ser  
 245 250 255  
 Lys Ser Leu His Leu Asp Ser Gln Ala Lys Tyr Cys Leu Leu Ala Leu  
 260 265 270  
 Gly Leu Ala Asp Val Tyr Leu Arg Leu Pro Ile Lys Leu Ser Tyr Gln  
 275 280 285  
 Glu Lys Ile Trp Asp His Ala Ala Gly Asn Val Ile Val His Glu Ala  
 290 295 300  
 Gly Gly Ile His Thr Asp Ala Met Glu Asp Val Pro Leu Asp Phe Gly  
 305 310 315 320  
 Asn Gly Arg Thr Leu Ala Thr Lys Gly Val Ile Ala Ser Ser Gly Pro  
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<210> 4  
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50					55					60						
Thr	Ile	Ile	Ile	Asn	Ala	Ile	Lys	Ser	Asn	Phe	Pro	Asp	Asp	Lys	Val	
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Val	Gly	Glu	Glu	Ser	Ser	Gly	Leu	Ser	Asp	Ala	Phe	Val	Ser	Gly		
85					90					95						
Ile	Leu	Asn	Glu	Ile	Lys	Ala	Asn	Asp	Glu	Val	Tyr	Asn	Lys	Asn	Tyr	
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Phe	Leu	Arg	Gly	Glu	Gln	Phe	Ala	Val	Cys	Leu	Ala	Leu	Ile	Val	Asp	
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225					230					235					240	
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<213> Artificial Sequence

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<212> PRT

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<223> Exemplary epitope tag

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<210> 7

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<210> 8

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<210> 9

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<212> PRT

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<210> 11

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<210> 12

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<210> 13



<211> 11  
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<210> 17  
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<210> 18

<211> 10

<212> PRT

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<223> Exemplary epitope tag

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Glu Val His Thr Asn Gln Asp Pro Leu Asp  
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